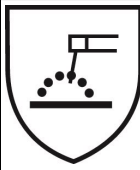




Weldas CE markings on this product designates it as tested and certified according to directive 89/686/EEC Level 2.



## WELDAS PRODUCT:

23-\*514, 23-\*515, 23-3612, 23-3613,  
23-6680, 23-6690, 23-8000  
EN ISO 11611 (2007), Class 1/A1+A2

Clothing type: **Fire Fox™**

Trade mark:



Size: see imprint on the product

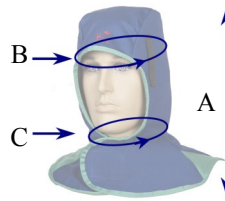
### Sizing according to: EN ISO 13688 (in CM).



CAPS	CM
23-1***	56
23-2***	57
23-3***	58
23-4***	59
23-5***	60
23-6***	61
23-7***	62



DOO-RAGS	CM
23-23**	46-68



HOODS	A	B	C
23-6680	41	64	42-53
23-6690	41	64	42-53
23-6680XL	44	68	52-65
23-6680/LV	62	64	42-53



BEANIES	CM
23-8000L	56-59
23-8000XL	59-62

#### Materials used:

All products: 305 gr/m<sup>2</sup> flame retardant fabric is used.  
Caps, doo-rags and helmet hoods: a mesh lining is used.  
Hoods: a hook and loop closure is used.

#### Health information:

The pH, Chromium (VI) and PCP levels of all materials have been tested and meet CE health standards.  
Coloring: coloring is done by using natural materials

#### Washing:

The flame retardant characteristics of the product will be valid for 5 washings at 40° C. No bleach or acid should be used, just standard washing detergents. A dimensional change can occur after washing. After cleaning, the clothing should be inspected.

#### Drying and ironing:

Mechanical drying and ironing is possible but below 95° C.



**Storage:** Store dry and at temperatures over 5° Celcius.  
Do not stack higher than 5 cartons on 1 pallet.

#### Intended use:

##### General:

This product is intended to be used for all arc welding processes like MMA, MIG/MAG, TIG, micro plasma, spot and gas welding as well as plasma and oxygen cutting, gouging, brazing and thermal arc spraying. Because applications vary, it is the user's responsibility to identify the right product for each application.

##### Identified hazards:

With the welding processes of intended use the following hazards are indentified: flames, spatter of molten material, radiant heat as well as short term electrical shock.

##### High voltage:

This product protects against short term electrical shock and not against long term high voltages! Welding and cutting machines can cause these so follow the safety instructions of the machines used as well! When there is an increased risk of shock or electrical live parts additional electrical isolation will be required as is indicated under 6.10 of the EN11611 for protection against live electrical conductors up to 100 V = (DC).

##### Body protection in all positions:

This product protects in certain positions of working and welding. It could be possible that extra protection products are required. It is the responsibility of the user to identify that.

##### Additional garments:

Additional garments shall meet at least Class 1 of the EN11611.

##### Improper use:

**Level of protection:** The level of protection will be reduced if the welders protective clothing is contaminated with flammable materials.

**Level of oxygen:** Increase of oxygen in the air will reduce considerably the protection of the welders protective clothing against flame. Care should be taken when welding in confined places. Air enriched with oxygen will be dangerous!

**Electrical isolation:** The electrical isolation provided by the clothing will be reduced when the clothing is wet, dirty or soaked in sweat.

##### Use of 2-piece clothing:

When 2-piece clothing is used both items shall be worn together to provide the specified level of protection

##### Additional body protection during welding:

Additional body protection used with this product during welding must meet the appropriate EN standard for welding hazards.

##### Limitations for use:

This flame retardant cotton clothing to be used for general labour activities as well as welding. User has to see to it that all closures are closed specially for use with welding applications and the choice of the right size. If molten metal stick to the clothing, the user needs to remove the clothing immediately.

##### Attention:

Weldas gloves and clothing have been tested and certified at TÜV Rheinland LGA Products GmbH, Germany (EU no. 0197). For more information on EN standards, testing methods, test reports, product certifications, and other products, please e-mail us at: [europa@weldas.com](mailto:europa@weldas.com) or visit our web site: [www.weldas.com](http://www.weldas.com)

##### Warrantee:

This product is warranted against manufacturing defects.

### Address information Weldas:

Weldas Europe B.V. Blankenweg 18 4612 RC Bergen op Zoom The Netherlands e-mail: [europa@weldas.com](mailto:europa@weldas.com)



The following explains the pictogram marked on this product:



## General safety requirements

Subclause	Requirement	Class 1	Class 2
6.1	Tensile strength - woven outer textile material - leather	400 N 80 N	400 N 80 N
6.2	Tear strength	20 N	20 N
6.3	Burst strength	200 kPa	200 kPa
6.4	Seam strength - textile material - leather	225 N 110 N	225 N 110 N
6.5	Dimensional change of woven textile materials Dimensional change of knitted textile materials	$\leq \pm 3 \%$ $\leq \pm 5 \%$	$\leq \pm 3 \%$ $\leq \pm 5 \%$
6.6	Requirements for leather: fat content	$\leq 15 \%$	$\leq 15 \%$
6.7	Flame spread	ISO 15025:2000, Procedure A (surface ignition); ISO 15025:2000, Procedure B (edge ignition); No flaming to the top or either side edge No hole formation <sup>a</sup> No flaming or molten debris Mean afterflame $\leq 2$ s Mean afterglow $\leq 2$ s	ISO 15025:2000, Procedure A (surface ignition); ISO 15025:2000, Procedure B (edge ignition); No flaming to the top or either side edge No hole formation <sup>a</sup> No flaming or molten debris Mean afterflame $\leq 2$ s Mean afterglow $\leq 2$ s
6.8	Impact of spatter	15 drops	25 drops
6.9	Heat transfer (radiation)	RHTI 24 W 7	RHTI 24 W 16
6.10	Electrical resistance	$> 10^5 \Omega$	$> 10^5 \Omega$
6.11	Innocuousness	See 6.11	See 6.11

<sup>a</sup> For ISO 15025:2000, Procedure B, this requirement is not applicable

Testing and certification of this product is done according to EN ISO 11611:2007 by TÜV Rheinland LGA Products GmbH, Tillystraße 2, D-90431 Nürnberg, Germany (notified body number 0197).

Test report number 21220109 002 and certificate number BP 60097781 0002.  
Test reports, certificates and manuals can be downloaded from: [www.weldas-ce.com](http://www.weldas-ce.com)

